

HEALTH
30 DEC 1946

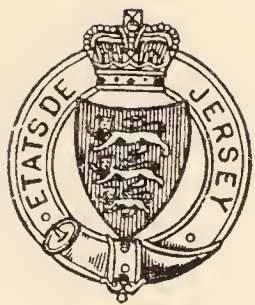
FORTY-SEVENTH
ANNUAL REPORT
OF THE
Medical Officer of Health
FOR THE YEAR 1945.



GUERNSEY :

PRINTED BY THE "GUERNSEY 'STAR' AND GAZETTE
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1946



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APPENDIX.

REPORT

OF

MEDICAL OFFICER OF HEALTH

for 1945.

Report of Medical Officer of Health for 1945.

Hotel de Normandie, Guernsey, 23rd October, 1946.

SIR,

I have the honour to forward herewith the report of the Medical Officer of Health for the year 1945, with a request that you will be so good as to cause it to be published as an Appendix to a future Billet d'Etat, and that (say) 100 copies be struck off for distribution in the usual way.

The work of the Sanitary Inspectors has this year been exceptionally heavy following the departure of the German Troops and I consider they are worthy of commendation for the way it has been carried out.

I have the honour to be, Sir,

Your obedient Servant,

A. N. SYMONS,

President,

Board of Health.

The Bailiff,
The Royal Court,
Guernsey.

Lukis House, Guernsey, 14th September, 1946.

GENTLEMEN,

I have the honour to present my eleventh report as States Medical Officer of Health.

In the year under review, the great mercy of freedom came, and the improvement in health resulting may be seen by comparing the statistics for 1945 with those of the occupation years ; the infant mortality death rate and pulmonary tuberculosis death rate were both exceedingly low and the death rate fell from 21.1 in 1944 to 15.5.

There is much to be done, however, to improve the medical services and the environmental conditions.

I have the honour to be, Gentlemen,

Your obedient Servant,

ROWAN W. REVELL, M.D.

Medical Officer of Health.

The President and Members,
Board of Health,
Guernsey.

APPENDIX

STATISTICS.

TABLE I.

Sunshine.

Total Sunshine for 1945	..	..	..	..	..	2,009.5 hours
Average for 52 years	..	..	..	..	..	1,883.8 „
Sunless days, 1945	..	..	..	..	..	44.
Average ditto	..	..	..	..	..	55.

Rainfall.

Total Rainfall for 1945	..	..	..	..	..	30.12 inches
Average for 103 years	..	..	..	..	..	36.79 „
Rain days, 1945	..	..	..	..	..	167.
Average ditto	..	..	..	..	..	186.

Temperature.

Adopted Daily Mean Temperature for 1945	..	..	..	..	..	53.1° F.
Average for 103 years	..	..	..	..	..	51.1°
Mean Daily Range, 1945	..	..	..	..	..	9.6°
Average Daily Range	..	..	..	..	..	9.1°

TABLE II.

YEAR.	Estimated population to middle of each year.	BIRTHS.		DEATHS.			DEATHS. under one year of age.	
		Number	Rate per 1,000.	Number.	Crude Rate per 1,000	Adjusted Rate per 1,000.	Number.	Rate per 1,000 Births.
1934	40,900	751	18.3	528	12.9	9.0	38	50.6
1935	41,160	777	18.9	518	12.6	8.8	46	59.2
1936	41,950	708	16.9	545	12.9	9.0	42	59.3
1937	42,410	827	19.5	575	13.6	9.5	45	53.2
1938	43,015	851	19.8	524	12.2	8.5	37	43.4
1939	43,820	744	16.9	559	12.7	8.9	33	44.3
1940—								
Jan.—June	43,000	400	18.6	334	14.0	—	21	52.5
July-Dec.	23,976	168	14.0	179	14.8	—	6	35.7
1941	23,901	243	10.1	398	16.6	—	5	20.5
1942	23,561	262	11.1	525	22.3	—	10	38.1
1943	22,641	337	14.9	414	18.3	—	16	47.5
1944	22,408	395	17.6	472	21.1	—	17	43.0
1945	28,535 25500	391	13.7 15.3	436	15.5 17.1	—	11	28.1

TABLE III.

PERCENTAGE OF DEATHS AT DIFFERENT AGE PERIODS.

	Under 1 year.	Years 1-5.	Years 5-15.	Years 15-25.	Years 25-65.	Over 65 years.
1900-1904	24.0	9.0	4.0	5.0	27.0	31.0
1905-1909	22.3	8.0	3.0	4.6	28.0	34.0
1910-1914	20.2	7.2	3.3	3.8	27.8	37.7
1915-1919	12.5	5.1	3.6	4.9	33.1	40.7
1920-1924	11.5	3.6	3.7	5.5	30.4	45.3
1925-1929	11.2	3.4	2.5	4.0	30.2	48.6
1930-1939	7.4	2.3	2.1	2.4	30.0	55.8
1940—						
Jan.-June	5.9	2.9	1.2	1.5	34.4	55.1
July-Dec.	3.3	0	0	1.6	31.3	63.8
1941	1.2	0.7	0.3	2.5	32.6	62.7
1942	1.8	0.7	0	1.8	31.2	64.5
1943	3.9	0.7	0.2	1.5	28.1	65.6
1944	3.6	0.2	0.4	2.1	28.2	65.5
1945	2.8	1.3	0.9	2.0	27.0	66.0

POPULATION.

With the return of a large number of refugees in the last six months of the year, accuracy in the year's statistics cannot be obtained as only an approximate average population can be estimated.

The population at the end of 1944 was 22,370 and remained practically the same for six months ; the population at the end of the year was 34,700, giving an average of 28,535 for the year.

BIRTHS.

There were 391 live births, males 206, females 185, a rate of ~~13.7~~ ^{15.3} per 1,000. Still births numbered 9, a rate of 23.0 per 1,000 live births ; illegitimate births were 82, a percentage of 20.9 of live births.

DEATHS.

There were 436 deaths, males 248, females 188 a rate of ~~15.3~~ ^{17.1} per 1,000.

MATERNAL MORTALITY.

There was one death from acute hydramnios, a rate of 2.5 per 1,000 live births.

Under the Ordinance "Ayant rapport aux Sages Femmes," medical aid was sought in 39 cases.

Fees to medical practitioners £83 16s. 6d.

INFANTILE MORTALITY.

There were 11 deaths under one year of age, giving a rate of 28.1 per 1,000 live births.

MARRIAGES.

• There were 169 marriages, a rate of ~~5.9~~ ^{6.6} per 1,000.

CANCER.

There were 48 deaths from Cancer, a rate of ^{1.8}~~1.6~~ per 1,000.

TUBERCULOSIS.

There were 15 deaths from Tuberculosis, 12 pulmonary and 3 non pulmonary, giving rates of 0.5⁸~~8~~, 0.4⁷~~7~~ and 0.1⁸~~8~~ per 1,000 respectively.

Owing to the return of a large number of cases from England who had developed tuberculosis during the preceding five years, the number of new cases was very large, and does not give a true index of the cases whose disease first came to notice in 1945.

For this reason statistics of new cases would not be of value as an index of the present position in regard to tuberculosis in the Island, nor can the death rates be accepted as being of much value as Guernsey people in England would not be likely to return if in dying condition.

There were 16 cases of Tuberculosis admitted to the King Edward Sanatorium and 94 X-Rays were taken.

INFECTIOUS DISEASES.

There was little notifiable infectious disease during the year, but there was an epidemic of whooping cough and a number of cases of measles.

Inoculation against diphtheria was started again and 946 children were inoculated during the year.

The following cases were admitted to King Edward Sanatorium :—

Pulmonary Tuberculosis	..	..	..	16
Surgical Tuberculosis..	..	..	..	2
Erysipelas .. ..	..	..	..	2
Tonsilitis .. ..	..	..	..	2
Scabies .. ..	..	..	..	2
Rubella .. ..	..	..	..	1
Diphtheria .. ..	..	..	..	2
Scarlet Fever .. ..	..	..	..	1
Septic throat .. ..	..	..	..	1
Total				29

There were no deaths.

LABORATORY.

The following examinations were carried out during the year :—

Sputa .. ..	..	..	..	118
Throat swabs .. ..	..	..	..	25
Gonorrhoea .. ..	..	..	..	21
Urines .. ..	..	..	..	6
Pus .. ..	..	..	..	4
Cerebro-spinal-fluid .. ..	..	..	..	4
Milk .. ..	..	..	..	47
Blood .. ..	..	..	..	1

SANITATION.

A very large amount of cleaning up has been done, German prisoners being employed in the work.

As I have frequently pointed out, an extension of the sewers is essential as soon as the necessary works can be carried out.

WATER SUPPLIES.

The States Water Supply was satisfactory but here again extensions as soon as possible are necessary.

MILK SUPPLIES.

Very large numbers of samples have been taken and inspections made in order to improve the cleanliness of the milk supplies.

HOUSING.

Over three hundred houses were destroyed, and hundreds were rendered unfit for habitation by the Germans ; rehabilitation was thus a very large undertaking and the housing problem of the Island acute. A housing programme to meet immediate needs and future requirements is required.

 SELECTED GUERNSEY HEALTH STATISTICS.

	<i>Infant Mortality.</i>	<i>Still-births.</i>	<i>Pulmonary Tuberculosis.</i>
	Rate per 1,000 live births.	Rate per 1,000 live births.	Rate per 1,000.
1937	53.2	37.8	0.74
1938	43.4	37.6	0.35
1939	44.3	43.2	0.62
1940	46.4	28.5	0.59
1941	20.5	20.8	1.0
1942	38.1	30.7	0.91
1943	47.5	15.1	0.90
1944	43.0	20.2	1.2
1945	28.1	23.0	0.47

VENEREAL DISEASES CLINIC.

	<i>Syphilis.</i>		<i>Gonorrhoea.</i>		<i>Total.</i>	
	M	F	M	F	M	F
1. Number of cases on January 1st under treatment or observation	8	7	6	4	14	11
2. Number of cases, formerly removed from register returned during year for treatment or observation	—	1	—	1	—	2
3. In-patients	—	1	—	2	—	3
4. Number of new cases during the year suffering from :—						
(a) <i>Syphilis</i> —						
Primary	—	2	—	—	—	2
Secondary	—	—	—	—	—	—
All later stages	1	—	—	—	1	—
Congenital	—	—	—	—	—	—
(b) <i>Gonorrhoea</i> —						
1st year of infection...	—	—	—	2	—	2
All later stages	—	—	—	—	—	—
					1	4
5. Number of cases of Congenital Syphilis	—	—	—	—	—	—
Number of cases of V Vulvo-Vaginitis	—	—	—	—	—	—
6. Number of attendances	27	118	39	120	66	238
7. Specimens taken for Pathological Examination.						
(a) Smears for Gonorrhoea ...	—	—	17	193	17	193
(b) Smears for dark ground for spirochaetes	—	—	—	—	—	—
(c) Blood tests for W.R.	5	14	—	—	5	14
Blood test for G.C.F.T ...	—	—	1	—	1	—
(d) Cerebro-spinal fluid for W.R.	—	—	1	1	1	1
(e) Urines examined	—	—	37	—	37	—
	5	14	56	194	61	208

	<i>Name of Preparation.</i>	<i>No. of Injections.</i>		<i>Total.</i>	
		M	F	M	F
8. Chief Preparations used in treatment of Syphilis					
(1) Arsenic	Neosalvarsan	—	—	—	—
	Novarsenobillon	13	36	13	36
(2) Bismuth	Neocardyl	—	—	—	—
	Muthanol	—	65	—	65
	Bivatol	20	—	20	—
Chief preparations used in treatment of Gonorrhoea					
(1) Sulphanilamide	Neo-Uleron	1	—	1	—
	Sulphathiazole	5	7	5	7
	Eleudron	1	—	1	—
(2) Treatment by injection ..	G.C. Vaccine	2	30	2	30
(3) Douches		—	7	—	7
(4) Irrigation		8	—	8	—
(5) Vaginal Tablets		—	10	—	10
(6) Cauterisation		—	6	—	6
(7) Prostatic Massage		2	—	2	—
(8) Treatment Bougies.....		3	—	3	
(9) Treatment with Protargol } Treatment with Silver Pre- parations Argyrol		—	7	—	7
(10) Other treatment		—	5	—	5

RETURN OF BIRTHS AND DEATHS REGISTERED DURING 1945.

BIRTHS.

PARISH LETTER :	St. P. Port. A	St. Sampson. B	Vale. C	Castel. D	St. Saviour. E	St. Pierre-du-Bois. F	Torteval. G	Forest. H	St. Martin. I	St. Andrew. K	Total
Males	12	4	3	183	1	—	—	1	1	1	206
Females	9	2	3	167	2	—	1	—	1	—	185
Total	21	6	6	350	3	—	1	1	2	1	391
Deaths under 1 year	2	—	—	8	—	—	—	—	1	—	11
Stillbirths	1	—	1	7	—	—	—	—	—	—	9

DEATHS.

No. 1. *Epidemic, Endemic and Infectious diseases—*

Tetanus	—	—	—	—	—	1	—	—	—	—	1
Tuberculosis (all Forms)—											
Pulmonary ..	2	1	2	5	—	—	—	—	1	1	12
Meningitis ..	—	—	—	1	—	—	—	—	—	—	1
Shoulder Joint	—	—	—	1	—	—	—	—	—	—	1
Peritonitis ..	1	—	—	—	—	—	—	—	—	—	1
Septicaemia ..	—	—	1	—	—	—	—	—	—	—	1

No. 2. *Cancer and other Tumours—*

Cancer	—	—	—	—	—	—	—	—	—	—	—
Epithelioma of lips	—	1	—	—	—	—	—	—	—	—	1
Tongue	1	—	—	—	—	—	—	—	—	—	1
Oesophagus ..	2	—	—	1	—	—	—	—	—	—	3
Stomach	3	—	—	1	—	1	—	—	—	—	5
Intestine	2	—	—	4	—	—	—	—	—	1	7
Rectum	—	2	—	1	—	—	—	—	—	—	3
Pancreas	1	1	—	—	—	—	—	—	—	—	2
Liver	—	—	—	1	—	—	—	—	—	—	1
Lung	2	—	1	2	—	—	—	—	—	—	5
Breast	4	1	1	2	—	—	—	—	—	—	8
Uterus	1	—	—	3	—	—	—	—	—	—	4
Ovary	—	1	—	—	—	—	—	—	—	—	1

Carried forward	19	7	5	22	—	2	—	—	1	2	58
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APPENDIX

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Brought forward	19	7	5	22	—	2	—	—	1	2 ..	58
No. 2 (<i>continued</i>).											
Prostate	1	—	—	—	—	—	1	—	—	— ..	2
Bladder	1	—	—	—	—	—	—	—	—	— ..	1
Cerebral tumour..	2	—	—	1	—	—	—	—	—	— ..	3
Sarcoma of Facial Bone	1	—	—	—	—	—	—	—	—	— ..	1
No. 3. <i>Rheumatism, diseases of Nutri- trion of Endocrine glands and other general diseases—</i>											
Rheumatoid Arthritis ..	—	—	—	1	—	—	—	—	—	— ..	1
Diabetes Mellitus	—	2	—	5	—	—	—	—	—	— ..	7
Diabetes	—	3	—	—	—	—	—	—	—	— ..	3
Diabetic Coma ..	—	—	—	1	—	—	—	—	—	— ..	1
Myxoedema ..	—	—	—	1	—	—	—	—	—	— ..	1
No. 4. <i>Diseases of the Blood and Blood- forming organs—</i>											
Pernicious Anæmia	1	—	—	2	—	—	—	—	—	— ..	3
No. 6. <i>Diseases of the Nervous System and Sense Organs—</i>											
Cerebral Haemor- rhage	1	4	1	5	—	—	1	—	1	— ..	13
Cerebral Throm- bosis	2	—	—	—	—	—	—	—	—	— ..	2
Hemiplegia	3	1	1	1	—	—	—	—	2	1 ..	9
Mania	1	—	—	—	—	—	—	—	—	— ..	1
Imbecile	—	—	—	1	—	—	—	—	—	— ..	1
Dementia	1	—	—	—	—	—	—	—	—	— ..	1
Senile Dementia..	3	—	—	—	—	—	—	—	—	— ..	3
Epilepsy	1	1	1	1	—	—	—	—	—	— ..	4
Infantile Convul- sions	—	—	—	—	—	—	—	—	1	— ..	1
Disseminated Sclerosis ..	1	—	—	—	—	—	—	—	1	— ..	2
Melancholia.. ..	2	—	—	—	—	—	—	—	—	— ..	2
Spastic Paraplegia	—	1	—	—	—	—	—	—	—	— ..	1
Apoplexy	—	—	—	—	—	—	—	—	—	1 ..	1
Cerebral Abscess..	—	—	—	1	—	—	—	—	—	— ..	1
Carried forward	40	19	8	42	—	2	2	—	6	4 ..	123

Brought forward	40	19	8	42	—	2	2	—	6	4 ..	123
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No. 7. *Diseases of the Circulatory System—*

Pericarditis ..	—	—	1	—	—	—	—	—	—	— ..	1
Endocarditis ..	2	—	1	1	—	—	—	—	—	— ..	4
Aortic Valvular ..	—	—	1	—	—	—	—	—	—	— ..	1
Mitral Stenosis ..	1	1	1	—	—	—	—	—	1	— ..	4
Valvular Disease ..	—	—	—	—	1	—	—	—	—	— ..	1
Myocarditis ..	—	1	3	2	—	—	—	—	2	1 ..	9
Myocardial Degen- eration ..	10	1	6	6	—	—	—	—	4	— ..	27
Angina Pectoris ..	1	—	—	1	—	1	—	—	—	— ..	3
Aortic Aneurism ..	1	—	—	—	—	—	—	—	—	— ..	1
Coronary Embo- lism	1	—	—	—	—	—	—	—	—	— ..	1
Arterio-Sclerosis ..	4	4	1	6	1	—	—	—	—	— ..	16
Thrombosis ..	—	—	—	1	—	—	—	—	—	— ..	1
Coronary Throm- bosis	2	2	2	1	—	—	—	—	—	— ..	7
Auricular Fibril- lation	—	—	—	—	—	—	—	—	1	— ..	1
Hyperpiesia ..	—	—	1	—	—	—	—	—	—	— ..	1
Senile Gangrene ..	1	—	—	—	—	—	—	—	—	— ..	1
Morbus Cordis ..	11	1	1	8	2	—	—	1	4	— ..	28

No. 8. *Diseases of the Respiratory System—*

Acute Bronchitis	2	2	1	—	—	—	—	—	—	— ..	5
Bronchitis	1	—	—	—	—	—	—	—	—	— ..	1
Chronic Bronchitis	2	1	—	1	—	—	—	—	—	— ..	4
Broncho Pneu- monia	1	—	2	3	—	—	—	—	—	— ..	6
Lobar Pneumonia	—	—	1	1	—	—	—	—	—	— ..	2
Acute Lobar Pneumonia ..	1	—	—	—	—	—	—	—	—	— ..	1
Pneumonia	2	1	2	3	—	—	—	—	—	— ..	8
Bronchial Asthma	—	—	—	1	—	—	1	—	—	— ..	2
Asthma	—	1	—	1	—	1	—	—	1	— ..	4
Empyema	—	—	—	1	—	—	—	—	—	— ..	1
Pulmonary Hæm- orrhage ..	—	—	—	—	—	—	—	—	1	— ..	1
Carried forward	83	34	32	79	4	4	3	1	20	5 ..	265

APPENDIX

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Brought forward	83	34	32	79	4	4	3	1	20	5 ..	265
No. 9. <i>Diseases of the Digestive System—</i>											
Ludwig's Angina	—	—	—	1	—	—	—	—	—	— ..	1
Gastric Ulcer ..	1	—	—	2	—	—	—	—	—	— ..	3
Duodenal Ulcer ..	—	—	1	2	—	1	—	—	—	1 ..	5
Acute Enteritis ..	3	—	—	—	—	—	—	—	—	— ..	3
Gastro Enteritis..	2	—	—	—	—	—	—	—	—	— ..	2
Enteritis	—	—	1	—	—	—	—	—	—	— ..	1
Intestinal Obs-											
struction ..	2	—	—	4	—	—	—	1	—	— ..	7
Perforation of											
Bowel	—	—	—	1	—	—	—	—	—	— ..	1
Appendicitis ..	—	—	—	2	—	—	—	—	—	— ..	2
Strangulated											
Hernia	—	—	—	1	—	—	—	—	—	— ..	1
Acute Dilatation											
of stomach ..	—	—	—	2	—	—	—	—	—	— ..	2
Cirrhosis of Liver	—	—	—	2	—	—	—	—	—	— ..	2
Imperforate Anus	—	—	—	2	—	—	—	—	—	— ..	2
Volvulus	—	—	—	1	—	—	—	—	—	— ..	1
No. 10. <i>Non-Venereal Diseases of the Genito-Urinary System and Annexa—</i>											
Nephritis	1	—	—	—	—	—	—	—	—	— ..	1
Chronic Nephritis	—	—	—	2	—	—	—	—	—	— ..	2
Pyelonephritis ..	—	—	—	1	—	—	—	—	—	— ..	1
Bright's Disease ..	—	—	—	—	—	1	—	—	—	— ..	1
Enlarged Prostate	—	—	—	3	—	—	—	—	—	— ..	3
Hypertrophy of											
Prostate	1	—	—	—	—	—	—	—	—	— ..	1
Uræmia	2	—	1	2	—	—	—	—	—	— ..	5
Chronic Uræmia..	1	—	—	—	—	—	—	—	—	— ..	1
No. 11. <i>Diseases of Pregnancy, Child-birth and the Puerperal State—</i>											
Acute Hydram-											
nios	—	—	—	1	—	—	—	—	—	— ..	1
Carried forward	96	34	35	108	4	6	3	2	20	6 ..	314

Brought forward	96	34	35	108	4	6	3	2	20	6 ..	314
No. 12. <i>Diseases of the Skin and Cellular Tissue—</i>											
Septic Hand ..	—	—	—	—	—	—	—	—	—	1 ..	1
No. 14. <i>Congenital Malformations—</i>											
Congenital Heart Disease ..	1	—	—	1	—	—	—	—	—	— ..	2
No. 15. <i>Diseases of Early Infancy—</i>											
Premature Birth ..	—	—	—	3	—	—	—	—	—	— ..	3
Marasmus	1	—	—	—	—	—	—	—	—	— ..	1
Pemphigus Neonatorum	—	—	—	1	—	—	—	—	—	— ..	1
No. 16. <i>Old Age—</i>											
Senile Decay ..	35	10	6	9	2	2	1	2	—	10 ..	77
Premature Senility	1	—	—	—	—	—	—	—	—	— ..	1
No. 17. <i>Deaths from Violence—</i>											
Suicide by Drowning	2	1	—	—	—	—	—	—	—	— ..	3
Suicide by other means	—	—	—	1	—	—	—	—	1	— ..	2
Strangulation ..	1	—	—	—	—	—	—	—	—	— ..	1
Accidental death	—	—	2	5	—	—	—	—	2	1 ..	10
War Operations ..	—	—	—	1	—	—	—	—	—	— ..	1
No. 18. <i>Ill-Defined Diseases—</i>											
Malnutrition ..	10	1	3	1	—	—	—	—	—	— ..	15
Exhaustion ..	1	—	—	—	—	—	—	—	—	— ..	1
Asthenia	1	—	—	—	—	—	—	—	—	— ..	1
Internal Hæmorrhage	—	—	—	—	—	—	—	—	—	1 ..	1
Exposure	1	—	—	—	—	—	—	—	—	— ..	1
Total ..	150	46	46	130	6	8	4	4	23	19 ..	436

CAUSES OF AND AGES AT DEATH OF DEATHS REGISTERED
DURING 1945.

	Under 1 yr.	1-2	2-5	5-15	15-25	25-65	Over 65	Total.
No. 1. <i>Epidemic, En- demic and Infectious Diseases—</i>								
Tetanus	—	—	—	—	I	—	—	I
Tuberculosis (all forms) ..	—	—	—	—	I	II	—	12
Pulmonary	—	—	—	—	I	—	—	I
Meningitis	—	—	I	—	—	—	—	I
Shoulder Joint ..	—	—	—	—	—	I	—	I
Peritonitis	—	—	—	—	—	I	—	I
Septicaemia ..	—	—	—	—	—	—	I	I
No. 2. <i>Cancer, and other tumours.</i>								
Cancer—								
Ephithelioma of lips	—	—	—	—	—	—	I	I
Tongue	—	—	—	—	—	I	—	I
Oesophrous	—	—	—	—	—	I	2	3
Stomach	—	—	—	—	—	2	3	5
Intestine	—	—	—	—	—	3	4	7
Rectum	—	—	—	—	—	2	I	3
Pancreas	—	—	—	—	—	I	I	2
Liver	—	—	—	—	—	—	I	I
Lung	—	—	—	—	—	3	2	5
Breast	—	—	—	—	—	5	3	8
Uterus	—	—	—	—	—	2	2	4
Ovary	—	—	—	—	—	I	—	I
Prostate	—	—	—	—	—	—	2	2
Bladder	—	—	—	—	—	—	I	I
Cerebral Tumour	—	—	—	—	I	I	I	3
Sarcoma of Facial bone	—	—	—	—	—	I	—	I
No. 3. <i>Rheumatism, Diseases of Nutrition, of Endocrine Glands and other General Diseases—</i>								
Rheumatoid Arthritis	—	—	—	—	—	—	I	I
Diabetes Mellitus ..	—	—	—	—	I	—	6	7
Diabetes	—	—	—	—	—	2	I	3
Diabetic Coma ..	—	—	—	—	—	I	—	I
Myxoedema	—	—	—	—	—	—	I	I
Carried forward ..	—	—	I	—	4	39	34	78

Brought forward..	—	—	I	—	4	39	34	78
No. 4. <i>Diseases of the Blood and Blood-forming organs—</i>								
Pernicious Anaemia.	—	—	I	—	—	—	2	3
No. 6. <i>Diseases of the Nervous system and Sense Organs—</i>								
Cerebral Haemorrhage	—	—	—	—	—	4	9	13
Cerebral Thrombosis	—	—	—	—	—	2	—	2
Hemiplegia	—	—	—	—	—	—	9	9
Mania	—	—	—	—	—	I	—	I
Imbecile	—	—	—	—	I	—	—	I
Dementia	—	—	—	—	—	I	—	I
Senile Dementia ..	—	—	—	—	—	—	3	3
Epilepsy	—	—	I	—	—	3	—	4
Infantile Convulsions	I	—	—	—	—	—	—	I
Disseminated Sclerosis	—	—	—	—	—	I	I	2
Melancholia	—	—	—	—	—	2	—	2
Spastic Paraplegia ..	—	—	—	I	—	—	—	I
Apoplexy	—	—	—	—	—	—	I	I
Cerebral Abscess ..	—	—	—	I	—	—	—	I
No. 7. <i>Diseases of the Circulatory System—</i>								
Pericarditis	—	—	—	—	—	I	—	I
Endocarditis	—	—	—	—	—	2	2	4
Aortic Valvular ..	—	—	—	—	—	—	I	I
Mitral Stenosis ..	—	—	—	—	—	I	3	4
Valvular Disease ..	—	—	—	—	—	I	—	I
Myocarditis	—	—	—	—	—	I	8	9
Myocardial Degeneration	—	—	—	—	—	2	25	27
Angina Pectoris ..	—	—	—	—	—	2	I	3
Aortic Aneurism ..	—	—	—	—	—	—	I	I
Coronary Embolism.	—	—	—	—	—	—	I	I
Arterio Sclerosis ..	—	—	—	—	—	2	14	16
Thrombosis	—	—	—	—	—	—	I	I
Coronary Thrombosis	—	—	—	—	—	—	7	7
Auricular Fibrillation	—	—	—	—	—	—	I	I
Hyperpiesia	—	—	—	—	—	—	I	I
Senile Gangrene ..	—	—	—	—	—	—	I	I
Morbus Cordis.. ..	I	—	—	—	—	7	20	28
Carried forward ..	2	—	3	2	5	72	146	230

APPENDIX

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Brought forward..	2	—	3	2	5	72	146	230
No. 8. <i>Diseases of the Respiratory System</i> —								
Acute Bronchitis ..	—	—	—	—	—	—	5	5
Bronchitis	—	—	—	—	—	—	1	1
Chronic Bronchitis..	—	—	—	—	—	—	4	4
Broncho Pneumonia	1	—	—	—	—	3	2	6
Lobar Pneumonia ..	—	—	—	—	—	1	1	2
Acute Lobar								
Pneumonia	—	—	—	—	—	—	1	1
Pneumonia	1	1	—	—	—	3	3	8
Bronchial Asthma ..	—	—	—	—	—	1	1	2
Asthma	—	—	—	—	—	3	1	4
Empyema	—	—	—	—	—	1	—	1
Pulmonary Haemorrhage	—	—	—	—	—	1	—	1
No. 9. <i>Diseases of the Digestive System</i> —								
Ludwig's Angina ..	—	—	—	—	—	1	—	1
Gastric Ulcer	—	—	—	—	—	1	2	3
Duodenal Ulcer ..	—	—	—	—	—	1	4	5
Acute Enteritis ..	—	—	—	—	—	1	2	3
Gastro Enteritis ..	—	—	—	—	—	—	2	2
Enteritis	—	—	—	—	—	—	1	1
Intestinal Obstruction	—	—	—	—	—	1	6	7
Perforation of Bowel	—	—	—	—	—	1	—	1
Appendicitis	—	—	—	1	—	1	—	2
Strangulated Hernia	—	—	—	—	—	—	1	1
Acute Dilatation of								
Stomach	—	—	1	—	—	1	—	2
Cirrhosis of Liver ..	—	—	—	—	—	1	1	2
Imperforate Anus ..	2	—	—	—	—	—	—	2
Volvulus	—	—	—	—	1	—	—	1
No. 10. <i>Non Venereal Diseases of the Genito-Urinary System and Annexa</i> —								
Nephritis	—	—	—	—	—	—	1	1
Chronic Nephritis ..	—	—	—	—	—	1	1	2
Pyelonephritis.. ..	—	—	—	—	—	1	—	1
Bright's Disease ..	—	—	—	—	—	—	1	1
Enlarged Prostate ..	—	—	—	—	—	1	2	3
Hypertrophy of Prostate	—	—	—	—	—	—	1	1
Uraemia	—	—	—	—	—	1	4	5
Chronic Uraemia ..	—	—	—	—	—	—	1	1
Carried forward ..	6	1	4	3	6	98	195	313

Brought forward	6	1	4	3	6	98	145	313
No. 11. <i>Diseases of Pregnancy, Childbirth and the Puerperal State—</i>								
Acute Hydramnius..	—	—	—	—	—	1	—	1
No. 12. <i>Diseases of the Skin and Cellular Tissue—</i>								
Septic Hand	—	—	—	—	—	1	—	1
No. 14. <i>Congenital Malformations—</i>								
Congenital Heart Disease	—	—	1	—	1	—	—	2
No. 15. <i>Diseases of early Infancy—</i>								
Premature Birth ..	3	—	—	—	—	—	—	3
Marasmus	1	—	—	—	—	—	—	1
Pemphigus Neonatorum	1	—	—	—	—	—	—	1
No. 16. <i>Old Age—</i>								
Senile Decay	—	—	—	—	—	—	77	77
Premature Senility..	—	—	—	—	—	1	—	1
No. 17. <i>Deaths from violence—</i>								
Suicide by drowning	—	—	—	—	1	1	1	3
Suicide by other means	—	—	—	—	—	1	1	2
Strangulation	—	—	—	—	—	—	1	1
Accidental Death ..	—	—	—	1	1	6	2	10
War Operations ..	—	—	—	—	—	1	—	1
No. 18. <i>Ill defined diseases—</i>								
Malnutrition	—	—	—	—	—	7	8	15
Exhaustion	—	—	—	—	—	—	1	1
Esthenia	—	—	—	—	—	—	1	1
Internal Haemorrhage	—	—	—	—	—	1	—	1
Exposure	—	—	—	—	—	—	1	1
Total	11	1	5	4	9	118	288	436

REPORT OF THE SANITARY INSPECTOR.

The Medical Officer of Health,
Lukis House, Guernsey.

SIR,

I beg to forward my annual report for the year 1945.

The year under review has been a strenuous one especially from the beginning of June when rehabilitation work began. This work was commenced in co-operation with the Field Hygiene Section of the R.A.M.C. A very large percentage of buildings were found to be verminous and have been disinfected. Approximately 75% of the dwelling houses were left in a deplorable condition due to occupation by German Troops and foreign labourers. The conditions under which these labourers lived were truly appalling.

Labour in this department has been very considerably augmented to cope with the removal of refuse and rubbish from dwelling houses, as, with the return to the Island of numbers of evacuees from the mainland, it was necessary to expedite matters in this connection.

Great difficulty has been experienced in drainage systems owing to the fact that in numerous cases the Germans had diverted drain pipes and re-connected them to other outlets. Due to the filthy nature of the work a party of German Prisoners of War were attached to the department for the specific purpose of cleaning cesspits and other sanitary arrangements.

The Field Hygiene Section finished at the end of August and I feel that it should be placed on record of the harmonious co-operation between them and this department.

I have divided the details of work done from 1st January to Liberation Day and from 10th May to December 31st. All houses reported up to 31st December as being left in an unsanitary condition have been cleansed and disinfected.

HOUSING AND SANITARY INSPECTIONS.

January to May 1945. Occupation period.

Number of houses inspected (routine)	143
Number of houses inspected in connection with Notifiable Infectious Diseases	10
Number of houses inspected for Homes for Workers Committee.. ..	6
Number of houses inspected for sewage and refuse after being occupied by German Forces and for Foreign Labourers	10
Number of business premises and workshops inspected	11
Complaints investigated and abated	23
Drains tested	9
W.C's and drains cleansed and left in working order by Health Department staff	14
Sanitary defects remedied and work carried out	12
Visits to refuse dumps	15
Inspections of bakehouses	49
Inspections at food retailers premises	23
Appointments and interviews	58
Notices served	14
Houses closed	5

May to December. Liberation period.

Number of houses inspected (routine)	74
Number of houses inspected in connection with Notifiable Infectious Diseases	11
Number of houses inspected for Homes for Workers Committee	5
Number of houses inspected for sewage and refuse after being occupied by German Forces and Foreign Labourers	912
Business premises and workshops	3
Complaints investigated and abated	87
Drains tested	18
W.C's and drains cleansed and left in working order by Health Department staff	68
Sanitary defects remedied and work carried out	28
Visits to refuse dumps (civil population)	6
Visits to refuse dumps left by Germans	20
Visits and appointments with Military Authorities (Hygiene Section)..	140
Visits to Custodians Stores for inspection of mattresses	34
Notices served	8
Verbal agreement in lieu of notices.. .. .	7
Houses closed	4

FARMS AND MILK.

Total number of farms inspected	490
Farmers warned for dirty stables and for dirty utensils	78
Inspections of Milk Retailers premises and utensils	122
Inspections at Milk Separating Depots (including States Dairy and collecting Depots)	234
Farms visited for check samples from cows	5

As in previous Occupation years a large number of whole and Separated milks were taken and submitted for analysis, these being morning and afternoon samples. The following table gives details of the samples taken.

SAMPLES ANALYSED DURING 1945.

Number of Official samples of whole milk	51
Number of Unofficial samples of whole milk	738
Number of Official samples of "Retail" milk	1
Number of Unofficial samples of "Retail" milk	175
Number of Unofficial samples of Separated milk	109
Samples for fat and reductase test, morning	996
Samples for fat and reductase test, P.M.	36
Reductase test only	783
Check samples taken at Dairy and in transit	23
Cream samples taken at Depots	16
Check cream samples taken at Dairy	6

MONTHLY AVERAGE OF FAT AND NON FATTY SOLIDS.

<i>Month.</i>	<i>Fat.</i>		<i>Solids not fat.</i>	
	<i>A.M.</i>	<i>P.M.</i>	<i>A.M.</i>	<i>P.M.</i>
January	4.5	5.0	8.94	8.96
February	4.1	4.8	8.58	9.07
March	4.0	4.2	8.85	8.90
April	3.7	4.6	8.71	8.81
May	3.9	4.7	8.87	9.05
June	4.0	5.0	8.89	8.86
July	3.8	5.1	8.65	8.79
August	4.1	—	8.30	—
September ..	4.7	—	8.86	—
October	3.7	—	8.81	—
November ..	4.2	—	—	—
December ..	4.4	5.4	9.44	—
Average morning fat content for the year	4.0			
„ „ non-fatty solids content for the year	8.73			
„ P.M. fat content for the year	4.7			
„ „ non-fatty solids content for the year	8.99			

APPENDIX

COMPARISON OF FAT AND NON-FATTY SOLIDS FOR
YEARS 1939-1945.*Morning milk only.*

<i>Year.</i>				<i>Fat content.</i>	<i>Non-fatty solids.</i>
1939	..	..	..	4.19	8.72
1940	..	...	..	4.24	8.48
1941	..	..	..	4.05	8.62
1942	..	..	..	4.05	8.60
1943	..	..	..	4.07	8.72
1944	..	..	..	4.11	8.70
1945	..	..	..	4.0	8.73

Considering the absence of concentrated foods the milk standard was very satisfactory. No prosecutions were taken against farmers during the year.

FOODS.

Routine and request inspections have been carried out at the Essential Commodities Food Stores, Guernsey Jam Factory and at Wholesale and Retail premises. A large quantity of canned meat, fish and vegetables left behind by the German Forces was condemned, viz. 12,929 tins of meat, 426 tins of salmon. Dried vegetables were mostly bulked and it is difficult to give a correct figure for these commodities.

Visits have been paid to manufacturers of Sugar Beet Syrup and substitutes.

The following analyses have been made :—

Sugar Beet Syrup	..	..	3	Lentils	..	..	..	1
Sugar Beet Root	..	..	1	Soup thickening powder	..	..	..	1
Carrageen and Sugar Beet Syrup	..	..	1	Vermicelli	..	..	..	1
Carrageen jelly	..	..	1	Coffee substitute	..	..	..	2
Baking Powder "Backpulver"	..	..	1	Coffee block	..	..	..	1
Rice	..	..	1	Salt	..	..	..	1
Peas	..	..	1	Custard powder	..	..	..	1
Split Peas	..	..	1	Desiccated potatoes	..	..	..	1
Dried Beans	..	..	1	Flour	..	..	..	1

The following food has been inspected and found to be unfit for human consumption :—

Red Cross.

16 tins Kam.
17 tins Sardines.
11 tins Corned Mutton.

19 tins Salmon.
1 cwt. 5 lbs. Butter.
1 tin Milk Powder.

10 tins Condensed Milk.
 89 tins Cheese.
 14 tins Jam.
 19 tins Corned Beef.
 74 pkts. Chocolate.
 138 pkts. Salt and Pepper.
 9 lbs. 4 ozs. Biscuits.
 64 pkts. Biscuits.
 88 pkts. Vitamin tablets.
 24 pkts. Peas.

7 tins Coffee and Milk.
 3 tins Lamb and Green Peas.
 187 pkts. Sugar.
 276 pkts. Raisins.
 14 lbs. Raisins.
 101 pkts. Prunes.
 231 pkts. Tea.
 2 tins Klim.
 12 tins Apple Sauce.
 1 tin Vetex.

Imports from England.

5 tins Syrup.
 51 tins Spam.
 30 lbs. Ox tongue.
 46 lbs. Cheese.
 28 tins Corned Pork.
 9 tins Pork Luncheon Meat.
 26 tins Pilchards.
 4 lbs. Brisket.
 7 tins Salmon.
 14 lbs. Plums.
 16½ lbs. Bacon.
 49 tins Evaporated milk.

23 tins Pork Sausage Links.
 27 tins Minced Meat Loaf.
 48½ lbs. Jam.
 40 tins Corned Beef.
 1 tin Liver Paste.
 35 tins Condensed Milk.
 3 lbs. Marmalade.
 1 tin Meat and Kidney.
 8 jars Pickles.
 41 tins Prem.
 14 tins Heinz Beans.
 1 tin Crawfish.

30 lbs. Raisins.

WATER ANALYSES.

Routine samples from States Water Board	..	..	208
Private supplies	..	..	39
Public Pumps	..	..	33

DISINFECTIONS.

Disinfections of houses formerly occupied by the German Forces and foreign labourers have formed a large percentage of the work in this Department since Liberation Day. Upwards of 6,000 mattresses have been treated with D.D.T. and over 500 condemned as unfit for use.

SANITATION.

One hundred and fifty five properties which had been occupied by German Forces have been cleared of sewage. This work has been performed by German Prisoners of War, (details as below). The number of privies cleared may not seem proportionate to the number of troops and labourers stationed

here but I must point out that in many cases the reference to a " privy " may mean anything from a four to a twenty-four seater. In the latter case up to fifty loads may have been removed.

Privies	..	..	..	..	..	..	122
Urinals	..	..	..	..	..	..	3
Cesspits	..	..	..	..	..	..	152
Septic Tanks	..	..	..	..	..	..	3
W.C's	..	..	..	..	..	..	63
Wells	..	..	..	..	..	..	3
Boiler pits	..	..	..	..	..	..	2
Cisterns	..	..	..	..	..	..	3

As will be seen in Table 1 very few fromal notices have been served under the " Ordonnance relative à la Santé Publique " ; owing to the shortage of material it has been deemed expedient to serve as few as possible until such time as austerity work has been completed on houses being made ready for returning evacuees. The Inspectors and Sanitary Assistants from this Department are worthy of mention for the large share of work they have done towards the rehabilitation of the Island ; they have worked conscientiously with very long hours trying to cope with a great influx.

I am, Sir,

Your obedient Servant,

G. AUSTIN, M.S.I.A.,

Chief Sanitary Inspector.

